

**RESTRICTED USE PESTICIDE**  
 Due to very high acute toxicity to humans and birds  
 For retail sale and use only by certified applicator or persons under their direct supervision and only for those uses covered by the certified applicator's certification. Direct supervision for this product is defined as the certified applicator being physically present during application, mixing, loading, repair and cleaning of application equipment. Commercial certified applicators must also ensure that all persons involved in these activities are informed of the precautionary statements.

**GOWAN  
 METHYL PARATHION 4 EC**

Active ingredient: O,O-dimethyl O-p-nitrophenyl thiophosphate 45.52%  
 Inert ingredients: 54.48%  
 Total: 100.00%

Contains 4 lbs Methyl Parathion per gallon  
 Contains xylene range aromatic solvent  
**STOP - READ LABEL BEFORE USING!**  
**KEEP OUT OF REACH OF CHILDREN**

**POISON  
 NOT FOR  
 HOME USE**



**DANGER  
 PELIGRO**

PRECAUCION AL USUARIO: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada completamente.

See SIDE PANELS for PRECAUTIONARY STATEMENTS

**STATEMENT OF PRACTICAL TREATMENT**

Call a physician or Poison Control Center immediately. Explain that the victim has been exposed to Parathion and describe his condition.

**IF SWALLOWED**—Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

**IF IN EYES**—Flush eyes immediately with plenty of clear water.

**IF ON SKIN**—Remove contaminated clothing and shoes and wash skin immediately with soap and water.

**IF INHALED**—Remove victim to fresh air. Apply artificial respiration if indicated. Get medical attention.

NET CONTENTS \_\_\_\_\_ GALLONS

*Gowan Company*

EPA Reg. No. 10163-121  
 EPA Est. No. 10163-AZ-1

P.O. Box 5696  
 Yuma, AZ 85364

of a face shield. Wear a particulate respirator approved by the National Institute for Occupational Safety and Health under the provisions of 29 CFR part 84. **USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT DURING MIXING/LOADING, APPLICATION, REPAIR, AND CLEANING OF APPLICATION EQUIPMENT: DISPOSAL OF PESTICIDE AND EARLY REENTRY INTO TREATED AREAS.** protective suit of one of the pieces covering all parts of the body except the head, hands and feet, chemically resistant gloves, chemical resistant shoes, for chemical resistant shoe coverings, (chemical resistant boots), goggles or face shield. Hood or head breather hat. NIOSH approved respirator.

**IF MIXING/LOADING IS PERFORMED USING A CLOSED SYSTEM:** THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT MAY BE WORN AS AN ALTERNATIVE: long sleeve short long-legged pants, chemical resistant gloves, chemical resistant apron, shoes and socks. Goggles or face shield must be worn when the system is under pressure. All other protective clothing and equipment required for use with open systems must be available nearby.

**IF APPLICATION IS PERFORMED USING AN ENCLOSED CAB OR COCKPIT:** THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT MAY BE WORN AS AN ALTERNATIVE: long sleeve short and long-legged pants, shoes and socks. Chemical resistant gloves must be available in the cab or cockpit and must be worn during entry and exit from the application vehicle. All other protective clothing and equipment required for use during application must be available in the cab and must be worn when exiting the cab into treated area. When used for this purpose, contaminated clothing may not be brought back into the cab unless in an enclosure such as a plastic bag. **REMOVE CLOTHING IS INADEQUATE TO PROTECT YOU DURING REPAIR AND CLEANING APPLICATION EQUIPMENT AND EARLY REENTRY TO TREATED AREAS! REFER TO PROTECTIVE CLOTHING AND EQUIPMENT REQUIREMENTS ABOVE.**

**IMPORTANT:** If pesticide comes in contact with skin, wash off with soap and water and contact a physician immediately. Always wash hands, feet and arms with soap and water before smoking, eating, drinking, or sleeping.

**AFTER WORK:** Before removing gloves, wash them with soap and water. Take off all work clothes and shoes. Shower using soap and water. Wear only clean clothes when leaving job—do not wear contaminated clothing. Personal clothing worn during work must be stored and laundered separately from protective clothing and household articles. Store protective clothing separately from personal clothing. Clean or launder protective clothing after each use. Respirators must be cleaned and filters replaced according to instructions included with the respirators. Protective clothing and protective equipment heavily contaminated or breached with methyl parathion must be destroyed according to state and local regulations. **HEAVILY CONTAMINATED OR DRENCHED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED DURING AERIAL APPLICATION. HUMAN FLAGGERS ARE PROHIBITED.**

**ENVIRONMENTAL HAZARDS**

This pesticide is highly toxic to aquatic invertebrates and wildlife. Birds in treated areas may be killed. Do not apply directly to water or wetlands (swamps, lake shores, bays and poltholes). Run-off and drift from treated areas may be hazardous to aquatic organisms in adjacent aquatic areas. Do not concentrate water by cleaning of equipment or disposal of wastes.

This product is extremely toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply the product or allow to drift to blooming crops or weeds if bees are visiting the treatment area.

**PHYSICAL AND CHEMICAL HAZARDS**

Do not use or store near heat or open flame. Keep container closed. Do not heat the material above 131°F (55°C). Store at temperatures above 60°F (16°C) to avoid crystallization.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with the labeling.

**RE-ENTRY STATEMENT**  
 Reentry into treated fields is prohibited for 48 hours after application, unless all protective clothing and equipment required for early reentry as described elsewhere on the label are worn.

Because certain states may require more restrictive re-entry intervals for various crops, consult with the product, county or State Department of Agriculture for further information.

Whenever oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product, when oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written and oral warnings must include the following information: **DANGER**—Area treated with Methyl Parathion for pest control. Do not enter without appropriate protective clothing for Methyl Parathion. In case of accidental exposure, follow instructions under Statement of Practical Treatment.

**STORAGE AND DISPOSAL**

**DO NOT** use or store near heat or open flame. Keep container closed. Do not heat the material above 131°F (55°C). Store at temperatures above 60°F (16°C) to avoid crystallization.

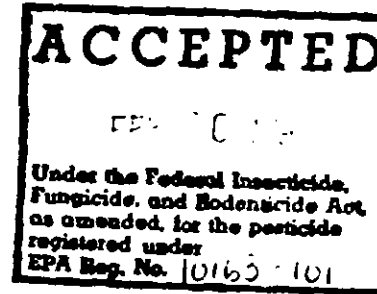
**DO NOT CONTAMINATE** water, food or feed by storage or disposal.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or empty containers is prohibited. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Triple rinse or equivalent. Then offer for recycling or reconditioning or purchase and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**OBIGATION STATEMENT:** Do not apply this product through any type of a regimen system.

**CROP USE DIRECTIONS:** See attached label.



**NOTICE ON CONDITIONS OF SALE**

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer no guarantee, expressed or implied, is made as to the effects of such use or the results to be obtained if not used in accordance with directions or established safe practices. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

**METHYL PARATHION MIXTURE, LIQUID, POISON B, NA 2783**

**BEST AVAILABLE COPY**

# GOWAN

## Methyl Parathion 4 EC

### Directions For Use

*Gowan Company*

P.O. Box 5696  
Yuma, AZ 85364  
(602) 783-8844

EPA Reg. No. 10163-121  
EPA Est. No. 10163-AZ-1

#### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Do not use this product for uses other than those specified on this label.

Per acre water usage in applying this product should comply with the following unless otherwise designated in the directions for use: For Ground Application—dilute in a minimum of 10-30 gallons of water; For Aerial Application—dilute in a minimum of 3-10 gallons water.

NOTE: Important—Avoid drift of this product to crops for which it is not registered or to any crop for which its use may be registered but application would be closer to harvest than recommended. This product is to be applied as a foliar application unless otherwise specified in the directions for use.

**ALFALFA:** Alfalfa Weevil Larvae; Aphids; Armyworms; Climbing Cutworms; Flea Beetles; Leafhoppers— $\frac{1}{2}$  to 1 pint per acre. Lygus Bugs; Mites; Stink Bugs (Seed Crop Only)— $\frac{1}{2}$  to  $1\frac{1}{2}$  pints per acre. Alfalfa Seed Chalcids (Seed Crop Only)— $\frac{1}{2}$  to  $2\frac{1}{2}$  pints per acre. Alfalfa Caterpillars; Alfalfa Weevil Adults; Clover Leaf Weevils; Webworms—1 pint per acre. Egyptian Alfalfa Weevils—1 pint to 1 quart per acre. Do not apply within 15 days before harvest or forage use when rates up to 1 quart per acre are used. Do not apply within 20 days before harvest or forage use when rates above 1 quart per acre are used. When applied to seed crops, apply in early morning or late evening to avoid injury to bees. In California and Nevada, do not apply more than  $\frac{3}{4}$  pint of this product per acre. Do not apply if crop or weeds in the treatment area are in bloom.

**ARTICHOKES:** Aphids; Armyworms up to 3rd Instar; Flea Beetles—1 pint per acre. Artichoke Plume Moths; Cutworms; Cabbage Loopers—1 quart per acre. For Artichoke Plume Moths, if plants are cut in April and May, begin applications after September and repeat at 14-21 day intervals as needed through December; 30 day intervals through Jan. and February, 14 days intervals from March through end of picking season. Workers should not enter fields within 7 days after application. Do not apply within 7 days before harvest.

**BARLEY:** Brown Wheat Mites— $\frac{1}{4}$  to 1 pint per acre. Aphids; Black Grass Bugs— $\frac{1}{4}$  to  $1\frac{1}{2}$  pints per acre. Barley Thrips— $\frac{1}{2}$  to  $\frac{3}{4}$  pint per acre. Leafhoppers— $\frac{1}{2}$  to 1 pint per acre. Armyworms up to 3rd Instar; Winter Grain Mites; Stink Bugs— $\frac{1}{2}$  to  $1\frac{1}{2}$  pints per acre. Climbing Cutworms— $\frac{3}{4}$  to 1 pint per acre. Chinch Bugs; False Chinch Bug; Say Stink Bugs— $1\frac{1}{2}$  pints per acre. No pre-harvest interval through  $\frac{1}{2}$  pint per acre. Do not apply within 15 days before harvest when rates above  $\frac{1}{2}$  pint per acre are used.

**BEANS (Dry; Green; Lima):** Aphids; Armyworms; Flea Beetles; Leafhoppers; Mites; Plant Bugs—1 to 3 pints per acre. Cowpea Curculio; Cutworms; Stink Bugs—1 to  $1\frac{1}{2}$  quarts per acre. Cabbage Loopers—1 quart per acre. Dry Beans—Do not apply within 15 days before harvest. Green and Lima Beans—Do not apply within 15 days before harvest when rates up to 1 pint per acre are used. Do not apply within 21 days before harvest when rates above 1 pint per acre are used. Do not apply if crop or weeds in the treatment area are in bloom.

**BEETS:** Aphids; Armyworms; Flea Beetles; Leafhoppers; Mites—1 to 2 pints per acre. Cabbage Loopers; Plant Bugs; Stink Bugs—1 quart per acre. Do not apply within 15 days before harvest. Do not apply within 21 days before harvest if tops are to be used for food or feed.

**BROCCOLI; BRUSSELS SPROUTS; CAULIFLOWER:** Aphids; Armyworms; Thrips (Except on Cauliflower)— $\frac{1}{2}$  to 2 pints per acre. Flea Beetles; Leafhoppers; Mites—1 to 2 pints per acre. Imported Cabbageworms; Cabbage Loopers; Stink Bugs—1 to  $1\frac{1}{2}$  quarts per acre. Plant Bugs— $1\frac{1}{2}$  quarts per acre. Do not apply within 7 days before harvest when rates up to 1 pint per acre are used. Do not apply within 21 days before harvest when rates above 1 pint per acre are used.

**CABBAGE:** Aphids; Armyworms; Thrips— $\frac{1}{2}$  to 2 pints per acre. Flea Beetles; Leafhoppers; Mites—1 to 2 pints per acre. Plant Bugs— $1\frac{1}{2}$  quarts per acre. Imported Cabbageworms; Cabbage Loopers; Stink Bugs—1 to  $1\frac{1}{2}$  quarts per acre. Do not apply within 10 days before harvest when rates up to 1 pint per acre are used. Do not apply within 21 days before harvest when rates above 1 pint per acre are used.

**CARROTS:** Aphids; Armyworms; Flea Beetles; Leafhoppers; Mites—1 to 2 pints per acre. Cutworms; Cabbage Loopers; Plant Bugs—1 quart per acre. Do not apply within 15 days before harvest. Do not use treated tops for food or feed.

**CELERY:** Aphids; Armyworms; Flea Beetles; Leafhoppers; Mites—1 to 2 pints per acre. Cabbage Loopers; Plant Bugs; Stink Bugs—1 quart per acre. Do not apply within 15 days before harvest.

**CLOVER:** Alfalfa Weevil Larvae; Aphids; Armyworms; Leafhoppers— $\frac{1}{2}$  to 1 pint per acre. Lygus Bugs; Mites— $\frac{1}{2}$  to  $1\frac{1}{2}$  pints per acre. Clover Seed Chalcids (Seed Crop Only); Climbing Cutworms— $\frac{1}{2}$  to  $2\frac{1}{2}$  pints per acre. Alfalfa Weevil Adults; Clover Leaf Weevils; Webworms—1 pint per acre. Thrips—1 to  $1\frac{1}{2}$  pints per acre. Egyptian Alfalfa Weevils—1 to 2 pints per acre. Do not apply within 15 days before harvest when rates up to 1 quart per acre are used. Do not apply within 20 days before harvest when rates above 1 quart

per acre are used in California and Nevada. Do not apply more than  $\frac{3}{4}$  pint of this product per acre.

**COLLARDS:** Aphids; Armyworms; Flea Beetles; Leafhoppers; Mites—1 to 2 pints per acre. Imported Cabbageworms; Cabbage Loopers; Stink Bugs; Thrips—1 to  $1\frac{1}{2}$  quarts per acre. Plant Bugs— $1\frac{1}{2}$  quarts per acre. Do not apply within 10 days before harvest when rates up to 1 pint per acre are used. Do not apply within 21 days before harvest when rates above 1 pint per acre are used.

**CORN:** Aphids; Armyworms; Corn Rootworms; Climbing Cutworms; Flea Beetles; Mites; Stink Bugs— $\frac{1}{2}$  pint per acre. Do not apply within 12 days before harvest. Workers entering treated fields within 48 hours after application should wear protective clothing. Do not apply to corn during the pollen shed period.

**COTTON:** Cotton Leafworms; Fleahoppers; Thrips— $\frac{1}{4}$  to 1 pint per acre. For Thrips, apply before or during the 4-leaf stage and repeat 1-3 times at 7-10 day intervals. Lygus Bugs— $\frac{1}{2}$  to 2 pints per acre.

Stink bugs: Apply 1 to 2 pints per acre.

Grasshoppers— $\frac{1}{2}$  pint per acre. Garden webworms— $\frac{1}{2}$  to 1 pint per acre. Aphids; Cotton Leafperforators; Mites; Fall Armyworms up to 3rd Instar— $\frac{1}{2}$  to 2 pints per acre. For Aphids, apply when aphids appear in buds, and on leaves of seedlings or when honeydew appears on older plants. Boll Weevils— $\frac{1}{4}$  to 6 pints per acre. Early Season Control—Apply at the 2-4 true leaf stage and repeat 1-3 times at 7-10 day intervals. Mid-Season Control—Apply at start of squaring or after 10-25% of the first squares are punctured and repeat at 3-8 day intervals as needed or until the top bolls are full grown. Repeat at 3 day intervals during the major fruiting season and periods of heavy migration. False Chinch Bugs—1 pint per acre. Cutworms—1 to 2 pints per acre. Leafrollers— $1\frac{1}{2}$  to 2 pints per acre. Armyworms—1 to 2 quarts per acre. Bollworms—1 to 3 quarts per acre. Do not apply within 7 days before harvest. Workers entering treated fields within 48 hours after application should wear protective clothing.

**CUCUMBERS:** Aphids; Two-Spotted Spider Mites— $\frac{1}{2}$  pint per acre. Do not apply within 15 days before harvest. Do not apply before vining.

**GOOSEBERRIES:** Aphids— $\frac{1}{4}$  to  $\frac{1}{2}$  pint per acre. Do not apply within 15 days of harvest. (Including Seed Crop)

**GRASS (Hay, Pasture):** Armyworms up to 3rd Instar; Black Grass Bugs; False Chinch Bugs; Grasshoppers; Leafhoppers— $1\frac{1}{2}$  pints per acre. Do not apply within 15 days before harvest. In California and Nevada, do not apply more than  $\frac{3}{4}$  pint of this product per acre.

**HOPS:** Aphids; Armyworms; Leafhoppers; Mites—1 to 2 pints per acre. Do not apply within 15 days before harvest.

**KALE; KOHLRABI; MUSTARD GREENS:** Aphids; Armyworms— $\frac{1}{4}$  to 2 pints per acre. Flea Beetles; Leafhoppers; Mites—1 to 2 pints per acre. Imported Cabbageworms; Cabbage Loopers; Stink Bugs—1 to  $1\frac{1}{2}$  quarts per acre. Plant Bugs— $1\frac{1}{2}$  quarts per acre. Do not apply within 10 days before harvest on Kale and Mustard Greens or within 7 days before harvest on Kohlrabi when rates up to 1 pint per acre are used. Do not apply within 21 days before harvest on Kale, Kohlrabi and Mustard Greens when rates above 1 pint per acre are used.

**LETTUCE:** Aphids; Armyworms; Flea Beetles; Imported Cabbageworms; Leafhoppers; Mites—1 to 2 pints per acre. Cabbage Loopers; Plant Bugs—1 quart per acre. Do not apply within 21 days before harvest.

**OATS:** Brown Wheat Mites— $\frac{1}{4}$  to 1 pint per acre. Aphids; Black Grass Bugs— $\frac{1}{4}$  to  $1\frac{1}{2}$  pints per acre. Barley Thrips— $\frac{1}{2}$  to  $\frac{3}{4}$  pint per acre. Leafhoppers— $\frac{1}{2}$  to 1 pint per acre. Armyworms up to 3rd Instar; Winter Grain Mites; Stink Bugs— $\frac{1}{2}$  to  $1\frac{1}{2}$  pints per acre. Climbing Cutworms— $\frac{1}{2}$  to 1 pint per acre. False Chinch Bug; Say Stink Bug— $1\frac{1}{2}$  pints per acre. No restrictions when rates up to  $\frac{1}{2}$  pint per acre are used. Do not apply within 15 days before harvest when rates above  $\frac{1}{2}$  pint per acre are used.

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**ONIONS:** Thrips—1/2 to 1 1/4 pints per acre. Do not apply within 15 days before harvest.

**PASTURE (Irrigated):** Mosquito Larvae—1/2 pint per acre. Do not apply within 7 days before harvest or forage use.

**PEAS:** Aphids; Armyworms up to 3rd Instar; Flea Beetles; Leafhoppers; Mites; Plant Bugs—1 to 2 pints per acre. Cowpea Curculio; Cutworms; Cabbage Loopers, Stink Bugs—1 quart per acre. Do not apply within 10 days before harvest when rates up to 1 pint per acre are used. Do not apply within 15 days before harvest when rates above 1 pint per acre are used. Do not apply if crop or weeds in the treatment area are in bloom.

**PEPPERS:** Aphids; Armyworms; Flea Beetles; Leafhoppers; Mites—1 to 2 pints per acre. Cutworms; Cabbage Loopers; Plant Bugs—1 quart per acre. Do not apply within 15 days before harvest.

**POTATOES:** Aphids; Flea Beetles—1/2 to 2 pints per acre. Armyworms; Leafhoppers; Mites—1 to 2 pints per acre. False Chinch Bugs; Cabbage Loopers; Plant Bugs; Stink Bugs—1 1/2 quarts per acre. Do not apply within 5 days before harvest.

**RICE:** Rice Stink Bugs—1/2 to 1 pint per acre. Armyworms; Leafhoppers—1 to 1 1/2 pints per acre. Rice Leafminers, Tadpole Shrimp—1 1/2 pints per acre. Use restricted to California only. Apply at first sign of infestation after planting. Apply by air in 5-10 gallon water per acre. Restrict spill from rice fields for 3 days. Do not use within 14 days of application of 3',4'-dichloropropionamide as injury may result. Do not apply within 15 days before harvest. Do not apply where crabs, crayfish, and shrimp are important resources.

**RUTABAGAS:** Aphids; Armyworms; Flea Beetles; Leafhoppers; Mites—1 to 2 pints per acre. Imported Cabbageworms; Cabbage Loopers—1 to 1 1/2 quarts per acre. Plant Bugs—1 1/2 quarts per acre. Do not apply within 7 days before harvest when rates up to 1 pint per acre are used. Do not apply within 21 days before harvest when rates above 1 pint per acre are used.

**RYE:** Brown Wheat Mites—1/2 to 1 pint per acre. Aphids; Black Grass Bugs—1/2 to 1 1/2 pints per acre. Barley Thrips—1/2 to 3/4 pint per acre. Leafhoppers—1/2 to 1 pint per acre. Armyworms up to 3rd Instar; Winter Grain Mites, Stink Bugs—1/2 to 1 1/2 pints per acre. Chinch Bugs; Soy Stink Bugs—1 1/2 pints per acre. No preharvest interval when rates up to 1/2 pint are used. Do not apply within 15 days before harvest when rates above 1/2 pint per acre are used.

**SAFFLOWER:** Aphids, Lygus Bugs—1 pint per acre. Do not apply after flowering.

**SORGHUM:** Spider Mites; Corn Leaf Aphids—1 pint per acre. Sorghum Midge—1 to 2 pints per acre. Aphids (Greenbugs)—1 1/2 pints per acre. Aphids—1 quart per acre. Do not apply within 21 days before harvest. Do not use with wetting agents. Leaf injury may occur to sorghum. Spray a few rows a week or so before booting to test the effects upon plants.

**SOYBEANS:** Climbing Cutworms—1/2 pint per acre. Webworms, Three-Cornered Alfalfa Hoppers—1/2 to 1 pint per acre. Velvet-bean Caterpillars, Thrips—1/2 to 1 pint per acre. Stink Bugs—3/4 to 2 pints per acre. Spider Mites, Aphids; Blister Beetle; Mexican Bean Beetles—1 pint per acre. Green Cloverworms; Cabbage Loopers—1 to 2 pints per acre. Armyworms, Fall Armyworms up to 3rd Instar, Bean Leaf Beetles, Corn Earworms, Grasshoppers—1 quart per acre. Do not apply within 20 days before harvest. Do not apply more than twice per growing season.

**SPINACH:** Aphids, Armyworms, Mites, Seedcorn Maggots in Crowns—1 to 2 pints per acre. Flea Beetles; Leafhoppers—1 to 1 1/2 pints per acre. Cabbage Loopers; Plant Bugs—1 quart per acre. Do not apply within 14 days before harvest when rates up to 1 pint per

acre are used. Do not apply within 21 days before harvest when rates above 1 pint per acre are used.

**STRAWBERRIES:** Aphids—1 to 1 1/2 pints per acre. Mites—1 1/2 pints per acre. Do not apply within 14 days before harvest.

**SUGAR BEETS:** Armyworms; Cutworms; Flea Beetles; Grasshoppers; Leafhoppers; Mites; Sugarbeet Webworms—1/2 to 3/4 pint per acre. Aphids; Lygus Bugs; Stink Bugs; Webworms—3/4 pint per acre. Do not apply within 20 days before harvest. Do not apply within 60 days before harvest if tops are to be fed to livestock.

**SUNFLOWERS:** Sunflower Moths—1 quart per acre applied at first flowering. Do not apply within 30 days before harvest. Do not apply more than 3 times at 5-day intervals per season.

**SWEET POTATOES:** Aphids; Armyworms up to 3rd Instar; Cutworms; Flea Beetles; Leafhoppers; Cabbage Loopers; Spider Mites—1/2 quart per acre. Do not apply within 5 days before harvest.

**TOBACCO:** Aphids; Cutworms—1/2 to 1 pint per acre. Do not apply within 15 days before harvest. Do not apply within 5 days of priming. Avoid contact with plant juices when cutting or priming. Workers entering treated fields within 24 hours after application should wear protective clothing.

**TOMATOES:** Tomato Russet Mites—1/2 to 1 pint per acre. Aphids; Armyworms; Flea Beetles—1/2 to 2 pints per acre. Leafhoppers; Mites—1 to 2 pints per acre. Potato Psyllids—1 to 3 pints per acre. Cabbage Loopers—1 to 1 1/2 quarts per acre. Plant Bugs—1 quart per acre. Do not apply within 10 days before harvest when rates up to 1 pint per acre are used. Do not apply within 15 days before harvest when rates above 1 pint per acre are used.

**TURNIPS:** Aphids; Armyworms up to 3rd Instar—1/2 to 1 1/2 pints per acre. Flea Beetles; Leafhoppers; Leafminers; Mites—1 to 1 1/2 pints per acre. Imported Cabbage Loopers; Plant Bugs—1 1/2 pints per acre. Do not apply within 7 days before harvest when rates up to 1/2 pint per acre are used. Do not apply within 15 days before harvest when rates above 1/2 pint per acre are used. Do not apply within 21 days before harvest if tops are to be used for food or feed.

**VETCH:** Aphids; Alfalfa Weevil Larvae; Leafhoppers; Mites—1/2 to 1 pint per acre. Armyworms—1/2 to 2 1/2 pints per acre. Do not apply within 15 days before harvest when rates up to 1 quart per acre are used. Do not apply within 21 days before harvest when rates above 1 quart per acre are used. In California and Nevada, do not apply more than 3/4 pint of this product per acre.

**WHEAT:** Aphids—1/2 to 1 1/2 pints per acre. Brown Wheat Mites—1/2 to 1 pints per acre. Leafhoppers—1/2 to 1 pint per acre. Barley Thrips—1/2 to 3/4 pint per acre. Armyworms up to 3rd Instar; Winter Grain Mites; Stink Bugs—1/2 to 1 1/2 pints per acre. Climbing Cutworms—1/2 to 1 pint per acre. Chinch Bugs; False Chinch Bugs; Soy Stink Bugs—1 1/2 pints per acre. No preharvest interval when rates up to 1/2 pint per acre are used. Do not apply within 15 days before harvest when rates above 1/2 pint per acre are used.

**FOR USE ON ORNAMENTALS (Woody Shrubs, Trees, Vines):**  
**CHRISTMAS TREE PLANTATIONS (Pines):** European Pine Shoot Moths; Nantucket Pine Tip Moths—1 quart per acre applied in 5-50 gallons water. No limitations.

**FOR USE ON FORESTS:**

**PINE FORESTS:** European Pine Shoot Moths; Nantucket Pine Tip Moths—1 quart per acre applied in 5-50 gallons water. No limitations.

**FOR USE ON TREE AND VINE CROPS:**

**APPLES:** Aphids; European Red Mites—1/2 to 1 pint per 100 gallons water. Codling Moths; Plum Curculio—1/2 to 2 pints per 100 gallons water, applied at petal fall and every 10-14 days thereafter until con-

trol is achieved. Redbanded Leafrollers; Scales—1/2 to 2 pints per 100 gallons water. Do not apply within 14 days before harvest. Do not apply more than 1 1/2 gallons of this product per acre. This product may injure the fruit and foliage of apples. Do not apply when trees or substantial number of weeds in the orchard are in bloom.

**APRICOTS:** Aphids; European Red Mites—1/2 to 1 pint per 100 gallons water. Do not apply within 14 days before harvest. Do not apply more than 2 1/2 quarts of this product per acre.

**GRAPES:** Aphids, Grape Leafrollers, Grape Leafhoppers—Apply 1 1/2 to 2 pints per acre. Mites, Thrips—Apply 1 1/2 to 2 pints per acre. Do not apply within 14 days of harvest. Do not apply more than 2 pints of this product per acre. In California, the farm operator shall not permit workers to enter treated areas to engage in any activity requiring substantial contact with foliage within 21 days after application.

**PEACHES:** Aphids; European Red Mites—1/2 to 1 pint per 100 gallons water. Apply in early cover treatment or apply twice with a 5-day interval as needed. Oriental Fruit Moths; Plum Curculio—1/2 to 2 pints per 100 gallons water, applied at petal fall and every 10-14 days thereafter until control is achieved. Peach Tree Borers—1/2 to 2 pints per 100 gallons water. Apply 2-3 sprays to trunk from ground to scaffold limbs timed with moth flights. Do not apply within 14 days before harvest. Do not apply more than 1 gallon of this product per acre. In California—The farm operator shall not permit workers to enter treated areas to engage in any activity requiring substantial contact with foliage within 21 days after application. Do not apply when trees or substantial numbers of weeds in the orchard are in bloom.

**PEARS:** Aphids—1/2 to 1 pint per 100 gallons water, applied twice with a 5-day interval. European Red Mites—1/2 pint per 100 gallons water, applied twice with a 5-day interval. Do not apply within 14 days before harvest. Do not apply more than 3 quarts of this product per acre.

**PLUMS; PRUNES:** Aphids—1/2 to 2 pints per 100 gallons water, applied in early cover treatments or twice with a 5-day interval. European Red Mites—1/2 to 1 pint per 100 gallons water, applied in early cover treatment or twice with a 5-day interval. Oriental Fruit Moths; Plum Curculio—1/2 to 2 pints per 100 gallons water, applied at petal fall and every 10-14 days thereafter until control is achieved. Peach Tree Borers—1/2 to 2 pints per 100 gallons water. Apply 2-3 sprays to trunk from ground to scaffold limbs timed with moth flights. Do not apply within 14 days before harvest. Do not apply more than 1 gallon of this product per acre. Do not apply when trees or substantial numbers of weeds in the orchard are in bloom.

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**NOTICE ON CONDITIONS OF SALE**

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.